

Page 1 of 1

All amounts are calculated in domestic currency.

All Item ID/GL/WOs All Rec. Employees All Currencies

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID/Vendor Name		VC-CAM002	Camp Steel								
PO31521	2		M304B0.625X3.000 f		3/3/2016	3/4/2016	12.0000	\$16.15	0.0000	0	\$193.77
CAD	No		304 BAR .625 X 3.00 f		12.0000	PLOU01		\$193.77	0.0000	0	
			m134409								
								Total Received Quantity:			12.0000
								Total Qty to Inspect (PO U/M):			0.0000
								Total Reject Quantity:			0.0000
								Total Receipt Value:			\$193.77
								Total Balance Due Quantity:			0.0000

BOLLINGHAUS
STEELBollinghaus Steel, SA
DIN EN ISO 9001:2008
TÜV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: / Nr.: / Nr.:

0000095306

Unsere innere Verweisung / Our Int. Ref / N° ref int

5600021610 000020

Datum / Date / Data

30.04.2014

Normen / Standards / Normas

TP 304/304L acc. to ASTM A479/A479M-13/ A276-10 specifications acc. to latest rev.: SAE-AMS-QQ-S 763C, AMS5639H, AMS5647J, ASME SA479/SA479M, ASME SA276, ASTM A182/A182M-13 F304/304L, A193/A193M-12b CL 1Gr.B8, ASTM A314-08, ASTM A320/A320M-11a, DOD-F24669/6, ASME SA182/SA182M, ASME SA 193/SA193M, ASME SA320 CL 1Gr.B8, ASTM A262-10 Practise A&E, grain size as per ASTM E112-96e1, NACE MR 0175, Mercury free statement, not weld repair statement, contents of N. Co. Mo and Cu., as per ASTM A484/A484M-13

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

DAS
14 16/03/07
A-30

Bestell Nr./Order Nr./ Enc.Nr. C92771

Bestell Nr./ Order Nr./ Enc.Nr. C92771.09

Prüfgegenstand / Product / Produto

Gewicht / Weight / Peso

Bunde / Bundle / Atados

AISI 304/L FLAT 5/8 X 3"

2.103 lb

01

Werkstoff-Nr.

Material-no

Qualidade 1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material

X 2 CrNi 18-9

Beschreibung / Description / Descrição

Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled.
US DFAR 252.225-7014: MELT SOURCE: United Kingdom / MFG: Portugal.

Schmelzen Nr.
Cast nr. / Fusão nr.

Chemische Analyse in % / Chemical composition in % / Análise química em %

56140409

C:	0.016	Si:	0.260	Mn:	1.700	P:	0.031	S:	0.024	Cr:	18.210	Ni:	8.130
Mo:	0.340	Co:	0.116	Cu:	0.360	N:	0.070	Ti:	0.003	W:		V:	

Proben Nr.
Test no.
Anotação no.

ASTM E399

Kerbschlagarbeit
Impact Test
Resiliência

{Charpy V}

{ J }

Streckgrenze
Yield point
Tensão limite

Rp 0,2 %

{ Ksi }

Dehnung
1% point
Limite de extensão

Rp 1,0 %

{ Ksi }

ASTM A370

Zugfestigkeit
Tensile strength
Tensão de ruptura

Rm

{ Ksi }

Dehnung
Elongation
Alongamento

A (A50-50mm)

{ % }

Einschnürung
Reduction of area
Coef. Estricção

Z (A50-50mm)

{ % }

3037824.01.01

197.0

57.4

62.2

97.8

57.6

76.9

Visuelle Kontrolle
Visual inspection
Inspeção visual☒

OK

ASTM E370

Härte
Hardness
Dureza

201

{ HB }

ASTM A484

Maßkontrolle
Dimensional inspection
Inspeção dimensional☒

OK

E 112-96e1

Korngröße
Grain size
Tamanho de grão

6

Verwechslungsprüfung
Test of identity
Teste de identificação☒

OK

Makroskopische Untersuchung
Macrographic testMaterial free from
segregation defects.☒

OK

ASTM A262-10 Practice E

Korrosionsbeständigkeit
IC Test☒

Corrosão Intersticial

OK

Werksachverständiger
Quality Control Representative
Inspector de Qualidade

David Reis (R - DR)

Wärmebehandlung
Heat treatment
Tratamento térmico

Annealed Quenched 1900 °F (1050 °C)

(water quenched)

Bemerkungen / Remarks / Observações

Country of origin: Portugal. No weld repair done.
Material is free of mercury and radiation contamination.

Hiemil o material, verificamos que o mesmo atende a especificação mencionada.

We confirm that this material meets the specification according to the mentioned standards.
Confirmamos que este material respeita as especificações de acordo com as normas referidas.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1304B.625X3.00
DATE: 16/03/07

PO / BATCH NO: 31521/134409

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 13.500'
QUANTITY INSPECTED: 13.500'
QUANTITY REJECTED: _____

THICKNESS ORDERED: .625X3.000
THICKNESS RECEIVED: .628X3.040
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>16/03/07</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31521**

Purchase Order Date 2/26/2016

PO Print Date 2/26/2016

Page Number 1 of 4

Order From :

VC-CAM002

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
FEB 26 2016

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
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1	M2024T3S.040	2024-T3 .040 sheet	3/3/2016 Yes 3/3/2016		48.00 ✓ sf	\$4.12	\$197.95
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MATERIAL: 2024-T3 ALUMINUM SHEET
AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037
OR ASTM B209

SP16-03-3

Line Total: \$197.95

2	M304B0.625X3.000	304 BAR .625 X 3.00	3/3/2016 Yes 3/3/2016		12.00 ✓ f	\$21.85	\$262.20
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

SP 16-03-4

Line Total: \$262.20

Note:

2/26/2016

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31521**

Purchase Order Date 2/26/2016

PO Print Date 2/26/2016

Page Number 2 of 4

Order From :

VC-CAM002

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M304S16GA	304/316 Sheet .063	3/3/2016	64.00	✓	\$6.51	\$416.56
			Yes	sf			
			3/3/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$416.56

4	M304S20GA	304/316 .040 Sheet	3/3/2016	64.00	✓	\$3.80	\$242.99
			Yes	sf			
			3/3/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$242.99

5	M304S22GA	304/316 .032 Sheet	3/4/2016	64.00	✓	\$2.74	\$175.52
			Yes	sf			
			3/4/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Note:

8216-033.

2/26/2016

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31521**

Purchase Order Date 2/26/2016

PO Print Date 2/26/2016

Page Number 3 of 4

Order From :
CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 667 4248	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	Yours ppd	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Total: \$175.52

6	M6061T6R0.500	6061-T6 Round Bar .500"	3/3/2016	20.00	✓	\$0.64	\$12.72
			Yes	f			
			3/3/2016				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$12.72

7	71401-45	PROCUREEMNT QUALITY CLAUSES	3/3/2016	1.00	✓	\$0.00	\$0.00
			No				
			3/3/2016				

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

SP16-03-3

Line Total: \$0.00

Note:

2/26/2016